

STATUS OF CLAIMS

1. (Currently Amended) A ~~mouldable~~ mould releasable silicone gel composition

comprising:

- A. 100 parts by weight of an organopolysiloxane having at least two alkenyl groups in each molecule,
- B. an organopolysiloxane having at least two silicon-bonded hydrogen atoms in each molecule, in an amount such that the molar ratio of silicon bonded hydrogen atoms in component B to alkenyl groups in component A is from 0.5:1 to 10:1,
- C. greater than 200 parts to 500 parts by weight of an organopolysiloxane which is free of alkenyl groups and free of silicon bonded hydrogen, and
- D. a platinum group catalyst, in an amount sufficient to effect the cure of the composition, and
- E. a finely divided silica, in an amount of from 1 to 100 parts by weight per 100 parts by weight of component A.

2. (Cancelled)

3. (Currently Amended) The ~~mouldable~~ silicone gel composition in accordance with claim

1 wherein component A is selected from at least one of the group consisting of:

- i. dimethylalkenylsiloxyl-endblocked dimethylpolysiloxanes;
- ii. dimethylalkenylsiloxyl-endblocked dimethylsiloxane-methylalkenylsiloxane copolymers;
- iii. trimethylsiloxyl-endblocked dimethylsiloxane-methylalkenylsiloxane copolymers;
- iv. organopolysiloxanes comprising the $(\text{CH}_3)_3\text{SiO}_{1/2}$ $(\text{CH}_3)_2(\text{alkenyl})\text{SiO}_{1/2}$, and $\text{SiO}_{4/2}$ siloxane units;
- v. organopolysiloxanes as defined in i to iv above wherein a proportion of the methyl groups are replaced by an organic group selected from the group

consisting of:

ethyl, propyl, phenyl, tolyl, and/or 3,3,3-trifluoropropyl; wherein the alkenyl group is selected from the group consisting of vinyl, allyl, propenyl, butenyl, pentenyl, and hexenyl.

4. (Currently Amended) The mouldable silicone gel composition in accordance with claim 1 wherein component B is selected from at least one of the group consisting of:
 - i. dimethylhydrogensiloxy-endblocked dimethylpolysiloxanes;
 - ii. trimethylsiloxy-endblocked methylhydrogenpolysiloxanes;
 - iii. trimethylsiloxy-endblocked dimethylsiloxane-methylhydrogensiloxane copolymers;
 - iv. cyclic methylhydrogenpolysiloxanes;
 - v. organopolysiloxanes comprising the $((CH_3)_2HSiO_{1/2}$ and $SiO_{4/2}$ siloxane units; and
 - vi. organopolysiloxanes as defined in i to v above wherein a proportion of the methyl groups are replaced by an organic group selected from the group consisting of ethyl, propyl, phenyl tolyl and/or 3,3,3-trifluoropropyl.
5. (Currently Amended) The mouldable silicone gel composition in accordance with claim 1 wherein component C is selected from the group consisting of: a trimethylsiloxy-endblocked dimethylpolysiloxane, a trimethylsiloxy-endblocked dimethylsiloxane-methylphenylsiloxane copolymer, a trimethylsiloxy-endblocked dimethylsiloxane-diphenylsiloxane copolymer, a dimethylphenylsiloxy-endblocked dimethylpolysiloxane and a dimethylphenylsiloxy-endblocked dimethylsiloxane-methylphenylsiloxane copolymer.
6. (Original) A method of producing a silicone gel composition in accordance with claim 2 comprising the steps of:
 - i. intermixing components A and E, and optionally a proportion of component C with heating to form a silicone gel base; and then

ii. adding components B and D and all or any remaining part of component

C to the silicone gel base made in step i.

7. (Currently Amended) A ~~moulded~~ silicone gel made from a composition in accordance with claim 1.
8. (Currently Amended) A ~~moulded~~ silicone gel in accordance with claim 7 having an Asker C hardness of from 1 to 30°.